



Case Docket No. KANEKO.014AUS

Date: December 22, 2006

Page 1

The application of: Minoru Umemoto et al.

App. No. : 10/585,707

Filed : July 19, 2006

For : PROCESS OF FORMING ULTRAFINE CRYSTAL LAYER, MACHINE COMPONENT HAVING ULTRAFINE CRYSTAL LAYER FORMED BY THE ULTRAFINE CRYSTAL LAYER FORMING PROCESS...

Examiner : Unknown

Art Unit :

**ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231**

Sir:

Transmitted herewith is a document for the above-identified utility application.

() An extension of time to respond for * month(s) is hereby requested.

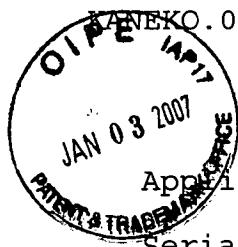
Time Extension Fee:

- one month (\$120 large entity)
- two months (\$450 large entity)
- three months (\$1020 large entity)

Enclosed are:

- (X) An Information Disclosure Statement (IDS) with PTO-1449 form and six references.
- (X) Return prepaid postcard.

Yasuo Muramatsu
Registration No. 38,684
Attorney of Record
114 Pacifica, Suite 310
Irvine, California 92618
(949) 753-1127



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant	:	Minoru Umemoto et al.)	Group Art Unit
Serial No.	:	10/585,707)	
Filed	:	July 10, 2006)	
For	:	PROCESS OF FORMING)	
ULTRAFINE CRYSTAL LAYER, MACHINE				
COMPONENT HAVING ULTRAFINE CRYSTAL LAYER				
FORMED BY THE ULTRAFINE CRYSTAL LAYER				
FORMING PROCESS, PROCESS OF PRODUCING				
THE MACHINE COMPONENT, PROCESS OF FORMING				
NANOCRYSTAL LAYER, MACHINE COMPONENT				
HAVING NANOCRYSTAL LAYER FORMED BY THE				
NANOCRYSTAL LAYER FORMING PROCESS, AND				
PROCESS OF PRODUCING THE MACHINE COMPONENT)				
Examiner	:	Unknown)	

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of
Patents and Trademarks
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a form PTO-1449 listing six references relevant to the above-identified application. A copy of each of the references is also enclosed herewith. This information disclosure statement is filed three months after the filing of the above-identified application but before the first office action on the merits, and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1) and § 1.97(b)(3).

The prior art references cited in European Search Report in the counterpart European application. A copy of European Search

Serial No. : 10/585,707
Filed : July 10, 2006

Report in English is attached which shows relevancy of each cited reference to the subject matter of the invention.

REMARKS

Applicant respectfully requests that the references disclosed in the statement be considered in the substantive examination of this case.

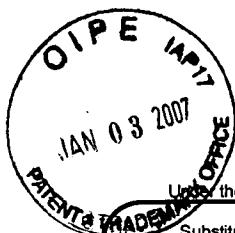
Respectfully submitted,

MURAMATSU & ASSOCIATES

Dated: 12/22/06

By: Kasuo Muramatsu
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IDS-KN14.002
122206



10585707 - GAU: 1793

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/585,707
Filing Date	07/10/2006
First Named Inventor	Minoru Umemoto
Art Unit	
Examiner Name	
Attorney Docket Number	KANEKO.014AUS

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		GB 884 447	12/13/1961	Blechner		
		GB 884 446	12/13/1961	Blechner		
		DE 198 48 033 C1	01/05/2000	Bosch		
		DE 880 446 C	06/22/1953	Allgemeine		

Examiner Signature	/Christopher Kessler/	Date Considered	12/21/2009
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.K./



10585707 - GAU: 1793

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/585,707
		Filing Date	07/10/2006
		First Named Inventor	Minoru Umemoto
		Art Unit	
		Examiner Name	
Sheet 1	of 1	Attorney Docket Number	KANEKO.014AUS

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	/Christopher Kessler/	Date Considered	12/21/2009
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.K./